

CLAIMS:

We claim:

- 1 1. A method of controlling a Java window, comprising the steps of:
2 creating an invisible window;
3 sending a command for a Java window to the invisible window; and
4 passing the command from the invisible window to the Java window through a
5 native interface.
- 1 2. The method of Claim 1, the sending step comprising the step of:
2 calling a messaging function with a handle of the invisible window.
- 1 3. The method of Claim 1, further comprising the step of:
2 executing the command by the Java window.
- 1 4. The method of Claim 1, further comprising the step of:
2 executing the command by the invisible window.
- 1 5. The method of Claim 1, wherein the command is a command to close the Java
2 window.
- 1 6. The method of Claim 1, further comprising the step of:
2 fetching a handle of the Java window.
- 1 7. A method of configuring a Java window to be accessible by a native application,
2 comprising the steps of:
3 executing a native application in a first thread;
4 launching a Java window in a second thread;
5 returning to execution of the native application in the first thread after the
6 launching step; and
7 registering the Java window with the native application.
- 1 8. The method of Claim 7, the registering step comprising the step of:
2 providing a text name of the Java window to the native application.

1 9. The method of Claim 7, the registering step comprising the step of:
2 executing a native interface call to the native application by the Java window.

1 10. The method of Claim 7, further comprising the step of:
2 loading a Java virtual machine by the native application.

1 11. The method of Claim 7, wherein the native application is network management
2 software and the Java window is a product management module window.

1 12. A computer system adapted for Java window control by a native application,
2 comprising:
3 a Java virtual machine having a native interface;
4 an operating system coupled to the Java virtual machine; and
5 a native application coupled to the operating system,
6 wherein the native interface, the operating system, and the native application are
7 configured to perform the following steps:
8 executing the native application in a first thread;
9 launching a Java window in a second thread;
10 returning to execution of the native application in the first thread after the
11 launching step; and
12 registering the Java window with the native application.

1 13. The computer system of Claim 12, the native interface, the operating system and
2 the native application being configured to perform the further steps of:
3 creating an invisible window;
4 sending a command for the Java window to the invisible window; and
5 passing the command from the invisible window to the Java window through the
6 native interface.

1 14. The computer system of Claim 13, the sending step comprising:
2 calling a messaging function with a handle of the invisible window.

1 15. The computer system of Claim 13, the native application, the operating system,
2 and the native interface configured to perform the step of:

3 executing the command by the Java window.

1 16. The computer system of Claim 13, the native application, the operating system,
2 and the native interface configured to perform the step of:
3 executing the command by the invisible window.

1 17. The computer system of Claim 13, wherein the native application is network
2 management software and the Java window is a management module window.

1 18. The computer system of Claim 12, the launching step comprising the step of:
2 loading the Java virtual machine by the native application.

1 19. The computer system of Claim 12, the registering step comprising the step of:
2 executing a call by the Java window to the native application through the native
3 interface.

1 20. The computer system of Claim 12, the registering step comprising the step of:
2 providing a text name of the Java window to the native application.

1 21. The computer system of Claim 12, further comprising:
2 a processor coupled to the operating system.

1 22. The computer system of Claim 12, further comprising:
2 a graphical user interface containing the Java window.

1 23. The computer system of Claim 12, wherein the native application is a Windows
2 application and the operating system is a Windows operating system.

1 24. The computer system of Claim 12, wherein the native application is network
2 management software and the Java window is a product management module window.

1 25. A computer system adapted for Java window control by a native application,
2 comprising:
3 a means for executing a native application in a first thread;

4 a means for launching a Java window in a second thread;
5 a means for returning to execution of the native application in the first thread after
6 launching the Java window;
7 a means for calling the native application by the Java window; and
8 a means for registering the Java window with the native application.

1 26. The computer system of Claim 25, further comprising:
2 a means for loading a Java virtual machine by the native application.

1 27. The computer system of Claim 25, the means for calling comprising:
2 a means for executing a native interface call to the native application by the Java
3 window.

1 28. The computer system of Claim 25, the means for registering comprising:
2 a means for providing a text name of the Java window to the native application.

1 29. The computer system of Claim 25, further comprising:
2 a video display containing a graphical user interface to display the Java window.

1 30. A computer system adapted for Java window control by a native application,
2 comprising:
3 a means for creating an invisible window;
4 a means for sending a command for the Java window to the invisible
5 window; and
6 a means for passing the command from the invisible window to the Java
7 window through a native interface.

1 31. The computer system of Claim 30, the means for sending comprising:
2 a means for calling a messaging function with a handle of the invisible window.

1 32. The computer system of Claim 30, further comprising:
2 a means for executing the command by the Java window.

1 33. The computer system of Claim 30, further comprising:

2 a means for executing the command by the invisible window.

1 34. The computer system of Claim 30, further comprising:
2 a video display having a graphical user interface to contain the Java window and
3 the invisible window.

1 35. A processor readable medium, comprising:
2 code to create an invisible window;
3 code to send a command for a Java window to the invisible window; and
4 code to pass the command from the invisible window to the Java window through
5 a native interface connection.

1 36. The processor readable medium of Claim 35, the code to send a command
2 comprising:
3 code to call a messaging function with a handle of the invisible window.

1 37. The processor readable medium of Claim 35, further comprising:
2 code to execute the command by the Java window.

1 38. The processor readable medium of Claim 35, further comprising:
2 code to execute the command by the invisible window.

1 39. A processor readable medium, comprising:
2 code to execute a native application in a first thread;
3 code to launch a Java window in a second thread;
4 code to return to execution of the native application in the first thread after
5 launching the Java window;
6 code to call the native application by the Java window; and
7 code to register the Java window with the native application.

1 40. The processor readable medium of Claim 39, the code to register the Java window
2 comprising:
3 code to provide a text name of the Java window to the native application.

1 41. The processor readable medium of Claim 39, the code to call the native
2 application comprising:

3 code to execute a native interface call to the native application by the Java
4 window.

1 42. The processor readable medium of Claim 39, further comprising:

2 code to load a Java virtual machine by the native application.